



CORNWALL COUNTY COUNCIL

David Smith

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1938

To the Chairman and Members of the Cornwall County Council.

My Lord, Ladies and Gentlemen,

I have the honour to present to you the Annual Report on the Health of the County of Cornwall during the year 1938.

The Report concerns the Health Services during the year before my commencing duty as County Medical Officer for Cornwall and I have, therefore, made little alteration in the general form of Report. Changes which have occurred during the year 1939 have not been included in this Report.

I would like to take this opportunity of acknowledging the help and consideration I have received from the Chairman and members of my Committee both collectively and individually, and the loyal assistance I have received from my Staff.

I am,

Your obedient Servant,

R. N. CURNOW,

County Medical Officer.

CONTENTS.

	Page
Public Health Officers	1
Statistics and Social Conditions	2
Laboratory Facilities	5
Ambulance Facilities	5
Sanitary Circumstances	7
Housing	8
Inspection and Supervision of Food	8
Infectious Diseases	11
Tuberculosis	12
Venereal Diseases	16
Blind Persons	17
Vaccination	18
Maternity and Child Welfare	18
Midwifery	18
Health Visitors' Work	19
Work of the County Nursing Association	20
Infant Welfare Centres	20
Orthopaedic Treatment	21
Report of Inspector of Midwives	25
Rainfall	27
Tables	At end

Annual Report of County Medical Officer of Health, 1938.

ERRATA.

Page 1. The following name should be added to the list of Obstetric Consultants:-

Redruth: C.H. Rivers (Puerperal Pyrexia), M.A., M.D.,
B.C.Camb., B.Sc., M.R.C.S.Eng., M.R.C.P.Lond.

Page 22. Table at bottom. Transpose headings "Plymouth" and "Truro."

Table III at end. West Cornwall Miners' & Women's Hospital Redruth,
add to "Facilities provided" the letters "l" and "n".

CORNWALL COUNTY COUNCIL.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1938.

PUBLIC HEALTH OFFICERS.

Whole time Medical Officers:

Medical Officer of Health and School Medical Officer	...	...	...	...	E. M. Clarke, M.D.Lond. (Retired 31.12.38).
Tuberculosis Officer	...	...	...	...	W. F. L. Day, M.B., B.Ch.Camb., M.R.C.S., L.R.C.P.
Medical Superintendent of Tehidy Sanatorium	...	...	...	...	E. T. Gaspey, M.R.C.S., L.R.C.P.

Part time Medical Officers:

Hon. Consulting Surgeon, Tehidy Sanatorium	...	...	...	...	L. C. Panting, M.D., B.Ch.Oxon, M.R.C.P. Lond., F.R.C.S.Eng.
Hon. Consulting Physician, Tehidy Sanatorium	...	...	...	...	Francis Chown, M.B.Lond., D.P.H.
Ear, Nose and Throat Surgeon, Tehidy Sanatorium	...	...	...	...	M. R. Sheridan, M.B., Ch.B.Liverp., F.R.C.S.E., D.L.O.Eng.
Anaesthetist, Tehidy Sanatorium	...	...	...	...	R. H. Blair, M.B., Ch.B.Liverp.
Medical Officer of Treatment Centre (various diseases)	...	...	...	...	C. H. Rivers, M.A., M.D., B.C.Camb., M.R.C.S., M.R.C.P., B.Sc.Lond.
Orthopaedic Surgeon	...	...	...	...	W. W. Rentoul, M.B., B.Ch., B.A.O.Belf.
Pathologists	...	...	...	...	F. D. M. Hocking, M.B., B.S.Lond., M.Sc., M.R.C.S., L.R.C.P., F.I.C., F.C.S.
Obstetric Consultants	...	...	...	...	E. Wordley, M.D.Camb., F.R.C.P.Lond.
Plymouth	...	...	...	...	J. Riddell, M.D.Ed., Ch.B., F.R.C.S.Ed., M.C.O.G.
	...	...	...	...	Mabel Ramsey, M.D.Ed., Ch.B., F.R.C.S.Ed., D.P.H., M.C.O.G.
Saltash	...	...	...	...	H. G. Robinson, M.B., Ch.B.Glas.
Stratton	...	...	...	...	T. A. King, M.R.C.S.Eng., L.R.C.P.Lond.
Launceston	...	...	...	...	C. G. Gibson, M.B., C.M.Ed.
Liskeard	...	...	...	...	B. B. Metcalfe, M.R.C.S.Eng., L.R.C.P.Lond.
Bodmin	...	...	...	...	N. G. H. Salmon, M.B., B.S.Lond., M.R.C.S.Eng., L.R.C.P.Lond.
St. Austell	...	...	...	...	J. S. Moore, F.R.C.S.Ed., L.R.C.P.Lond., M.R.C.S.Eng., D.P.H.
Truro	...	...	...	...	G. F. Burnell, M.R.C.S.Eng., L.R.C.P.Lond.
	...	...	...	...	J. H. Hood, M.B., Ch.B.Ed.
	...	...	...	...	J. G. M. Molony, M.B., B.Ch., B.A.O.
Falmouth	...	...	...	...	T. H. R. McKiernan, B.A., M.B., B.Ch., B.A.O.
	...	...	...	...	W. E. H. Banks, M.A.Camb., M.B., B.Ch., M.R.C.S.Eng., L.R.C.P.Lond.
Redruth	...	...	...	...	W. Blackwood, M.B., Ch.B.
	...	...	...	...	R. Pollok, L.R.C.S., etc., Edin. and Glas. D.C.O.G., L.D.S.Glas.
	...	...	...	...	H. L. Shimmin, M.R.C.S.Eng., L.R.C.P.Lond.
Penzance	...	...	...	...	V. J. McAllister, M.B., B.Ch., M.A.O., F.R.C.S.Irel.
Medical Officer, St. Columb Institution for Mental Defectives	...	...	...	...	J. A. S. Brown, B.Ch.Camb., M.R.C.S., L.R.C.P.

32 Medical Officers, Maternity and Child Welfare Centres.
 9 Medical Officers, Poor Law Institutions (Public Assistance).
 42 District Medical Officers (Public Assistance).
 62 Public Vaccinators.

Other whole time Officers:

Orthopaedic Sisters	...	...	...	...	Joan D. Newman, Cert. C.S.M.M.G. Mary F. Venables, Cert.C.S.M.M.G. Catherine W. Rice, Cert.C.S.M.M.G. (Tehidy Sanatorium).
Matron Tehidy Sanatorium	...	...	...	...	M. Wood, S.R.N.
Matron St. Columb Institution for Mental Defectives	...	...	...	...	E. K. G. Mowbray, S.R.N., R.M.P.A.
Mental Deficiency Officers	...	...	...	...	E. M. Cowlard, Mrs. W. E. Hooper.
Health Visitors	...	...	...	...	A. Flamank, D. V. Gray, J. C. Henderson, A. A. Housman, G. Varcoe.

18 Nurses, Tehidy Sanatorium.

9 Matrons, 9 Trained Nurses, and 33 Assistant Nurses, Public Assistance Institutions.

3 Trained and 8 Assistant Nurses, St. Columb Institution for Mental Defectives.

Other part time Officers:

Public Analyst	...	...	...	...	Dr. H. E. Cox, The Laboratory, 11, Billiter Square, London, E.C.3.
Dental Surgeon, Tehidy Sanatorium	...				W. H. C. Lean, L.D.S., R.C.S.Eng.
Dental Surgeon, St. Columb Institution for Mental Defectives	...	...	...	...	G. N. Minifie.
Inspector of Midwives and Superintendent of the County Nursing Association	...	...			M. Riden
Assistant Inspectors of Midwives	...				E. Pearson, L. M. Runacres, H. Heath.
Health Visitors and Assistant Inspectors of Midwives	...	...	...	...	M. Bradley, A. V. Bath.
Sampling Officers under the Food and Drugs (Adulteration) Act, 1928	...	...	...	...	W. W. Johnston, H. A. Rundle, K. R. C. Martin, J. Shea.

20 Vaccination Officers.

156 District Nurses (Health Visitors).

Medical Officers of Health of County Districts — 24.

Local Government Act, 1933, s. 111. The Scheme prepared by the County Council under the above Section has been fully reported in previous annual reports. Dr. R. H. Hadfield has been appointed as whole-time medical officer of health for combined district No. 1, comprising Penzance Borough, St. Ives Borough, St. Just Urban and West Penwith Rural.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area	...	...	...	...	...	864,126 acres.
Population, 1938 (excluding Scilly Isles)	...	...	...	...	...	308,297 (Registrar General's estimate).
Number of inhabited houses (1931 census)	...	...	...	...	...	83,544
Rateable Value	...	...	...	...	...	£1,423,856
Sum represented by a penny rate	...	...	...	...	...	£5,911

The chief industries according to the 1931 Census were:—

	Males.	Females.	Total.
Agricultural	22,588	1,204	23,792
Clay, Sand, Gravel, etc. pits	3,883	41	3,924
Tin and Copper Mines	665	12	677
Other Mines	2,556	18	2,574
Stone Quarries, Mines, etc.	2,068	14	2,082
Fishing	2,488	5	2,493

These figures exclude those persons out of employment on Census Day.

In June, 1939, there were 6,058 unemployed in the County, of which 5,383 were in the Mid and West Cornwall areas.

Live Births.				Male.	Female.	Total.
Legitimate	...	...		1,927	1,933	3,860
Illegitimate	...	...		94	93	187
Total	...	...	...	2,021	2,026	4,047

Birth rate per 1,000 of the estimated resident population, 13.13.

Still Births.				Male.	Female.	Total.
				91	75	166

Rate per 1,000 total (live and still) births, 39.40.

Deaths.				Male.	Female.	Total.
				2,100	2,202	4,302

Death rate per 1,000 of the estimated resident population, 13.95.

Deaths from Puerperal causes :—

Puerperal Sepsis	...	6	Rate per 1,000 total (live and still) births	1.42
Other Puerperal causes	14	„	„	3.32
Total	...	20	„	4.74

Death rate of infants under 1 year of age :—

All infants per 1,000 live births	...	...	...	50.16
Legitimate infants per 1,000 legitimate live births				48.96
Illegitimate infants per 1,000 illegitimate live births				74.87
Deaths from Cancer (all ages)	...	...	...	636
„ „ Measles (all ages)	...	...	...	6
„ „ Whooping cough (all ages)	...	...	...	12
„ „ Diarrhoea (under 2 years of age)	...	...	...	6

Comparative Rates.

				Cornwall.	England & Wales.
Live births, rate per 1,000 total population	...	...	...	13.13	15.1
Stillbirths, rate per 1,000 total population	...	...	...	0.54	0.60
Total deaths under 1 year, rate per 1,000 live births	...	...	...	50.16	53.0
Diarrhoea, under 2 years, rate per 1,000 live births	...	...	...	1.48	5.5
Deaths from all causes, per 1,000 of the population	...	...	...	13.95	11.6
„ Enteric Fever per 1,000 of the population				0.00	0.00
„ Measles „ „ „ „	„	„	„	0.019	0.04
„ Scarlet Fever „ „ „ „	„	„	„	0.009	0.01
„ Whooping Cough „ „ „ „	„	„	„	0.039	0.03
„ Diphtheria „ „ „ „	„	„	„	0.029	0.07
„ Influenza „ „ „ „	„	„	„	0.15	0.11
„ Violence „ „ „ „	„	„	„	0.54	
Maternal Mortality Puerperal sepsis	...	...	...	1.42	0.86
rate per 1,000 Other puerperal causes	...	...	...	3.32	2.11
total births. Total	...	...	...	4.74	2.97

Birth Rate.

The birth rate in Cornwall for 1938 was 13.13, a slight increase on that of the previous year (12.92) which was the lowest on record. These rates should be compared with the year 1892, which was 27.3. For England and Wales the rate for the period 1871—1880 was 35.4.

Population.

The population enumerated at the Census of 1921 (June) was 318,956 (including an unknown number of visitors), and at the Census of 1931 (April) was 316,228, from which 3,708 must be deducted, the correction for visitors, giving a real population of 312,520, excluding the Scilly Isles.

According to the Census 1931, the following table shows the population of the administrative County of Cornwall from the year 1801 :—

Year of Census.		Population.	Intercensal increase or decrease.	Per cent.
1801	...	192,281	—	—
1811	...	220,525	+ 28,244	+ 14.7
1821	...	261,045	+ 40,520	+ 18.4
1831	...	301,306	+ 40,261	+ 15.4
1841	...	342,159	+ 40,853	+ 13.6
1851	...	355,558	+ 13,399	+ 3.9
1861	...	369,390	+ 13,832	+ 3.9
1871	...	362,343	— 7,047	— 1.9
1881	...	330,686	— 31,657	— 8.7
1891	...	322,571	— 8,115	— 2.5
1901	...	322,334	— 237	— 0.1
1911	...	328,098	+ 5,764	+ 1.8
1921	...	320,705	— 7,393	— 2.3
1931	...	317,968	— 2,737	— 0.9

(These figures include the Isles of Scilly, 1,740 in 1931).

It will be seen that the maximum population was in the year 1861, and the population has been falling since, with the exception of the intercensal period 1901—11.

During the intercensal period of 1921-31 there was a natural increase (i.e., excess of births over deaths) of 2.2% and a loss by migration of 3.1%, so that there was a net loss of 0.9%.

The following table shows the distribution of the population according to the 1931 Census as to sex and age :—

Age last Birthday.		Males.	Females.
0 — 1	... ..	4,340	4,288
2 — 9	... ..	19,140	18,502
10 — 19	... ..	24,743	24,219
20 — 29	... ..	23,432	25,118
30 — 39	... ..	20,345	24,220
40 — 59	... ..	35,524	43,601
60 and over	... ..	21,325	29,171
Total	... ..	148,849	169,119

The excess of females was 20,270, a proportion of 1.136 females per thousand males.

For males there is a decrease for the ages 0—19 and an increase for ages 20 and over, and for females there is a decrease for ages 0—39 and an increase for ages 40 and over.

Density. For the County as a whole the density in 1931 was 0.4 persons per acre; in the Urban districts 2.4, and the Rural districts 0.2. In the East Ward of Penzance the density was 41.8 and in some of the Wards of Falmouth the density was 30.

Infant Mortality.

The infant mortality rate was 50.16 per 1,000 live births as compared with 53.0 for England and Wales. Of the 203 infant deaths, 131 were due to congenital debility, premature birth, malformations, etc.

Infant mortality rates :—

					Cornwall.	England & Wales.
1898	...	...	...	...	156	160
1900	...	...	...	...	126	154
1910	...	...	...	...	85	105
1911	...	...	...	...	129	130
1920	...	...	...	...	59	80
1930	...	...	...	...	51	60
1931	...	...	...	...	54	66
1932	...	...	...	...	54	65
1933	...	...	...	...	52	64
1934	...	...	...	...	57	59
1935	...	...	...	...	46	57
1936	...	...	...	...	51	59
1937	...	...	...	...	49	58
1938	...	...	...	...	50	53

Death Rate.

The crude death rate (13.95) is higher than that for England and Wales, as Cornwall contains a higher percentage of old people, owing to the low birth rate and to the migration of young adults.

Natural Increase or Decrease.

There were 255 more deaths than births, a natural decrease rate of 0.83 per 1,000 of the population. The natural increase in England and Wales is 3.5 per 1,000 of the population; in the year immediately preceding the war it was 10 per 1,000, and in the period 1876-1880, when the birth rate was at its maximum, it was 14.5 per 1,000 of the population.

Chief causes of death at all ages:—

Diseases of Heart and Blood Vessels	...	...	...	...	1,403
Cancer	...	...	...	...	635
Respiratory disease	...	...	...	...	310
Old Age	...	...	...	...	267
Tuberculosis	...	...	...	...	192
Suicide and deaths from violence	...	...	...	...	165
Disease of Kidneys, etc.	...	...	...	...	136
Congenital Debility	...	...	...	...	131
Influenza	...	...	...	...	47

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.**Laboratory Facilities.**

The Redruth Clinical Laboratory under the charge of Dr. C. Rivers.

The Royal Cornwall Infirmary, Truro, Pathological Department, under the charge of Dr. F. D. M. Hocking.

The Prince of Wales's Hospital, Plymouth, Pathological Department, under the charge of Dr. E. Wordley.

The Laboratory of the Public Analyst (Dr. H. E. Cox), 11, Billiter Square, London, E.C.3. Specimens of water and food, etc., are sent to this Laboratory by the County Council.

District Councils make their own arrangements with various Laboratories.

Ambulance Facilities.

Motor ambulances are provided and maintained by voluntary organisations, and there is a Joint Committee of representative members of the British Red Cross Society and The Order of St. John, the Cornwall Voluntary Aid Organisation.

The following are the motor ambulances connected with this organisation :—

Station.	Garage.	Officer-in-Charge.
St. Austell	South Street. Tel. 202.	Comdt. G. H. Grenfell, B.R.C.S. Det No. 9, Calartha. Tel. 72.
Bodmin	Head Quarters S.J.A.B.	Supt. W. W. Hearn, S.J.A.B., 14, Clifden Terrace.
Camborne	College Street.	Supt. W. E. Butler, S.J.A.B., 50, Manor Road, Tel. 2222 (Police).
Camelford	Ambulance Station. Tel. 50.	Supt. C. S. Moyse, S.J.A.B., Fore Street. Tel. 50.
Falmouth	Ambulance Hall, Quarry Hill. Tel. 83.	Supt. J. Jackman, S.J.A.B., Hazelmere, Albany Road. Tel. 583.
Hayle	Pearce's Garage. Tel. 147.	Supt. J. R. Bond, S.J.A.B., 15, Copper Terrace, Hayle. Tel. 55.
Helston	Wendron Street. Tel. 58.	Supt. J. B. Gilbert, S.J.A.B., 11, Meneage Street. Tel. 58.
Illogan	Headquarters, S.J.A.B. Pool, Redruth.	Supt. W. H. Kevern, S.J.A.B., 59, Trevenson Road, Pool, Redruth.
St. Ives	Dove Street,	Supt. W. H. Care, S.J.A. Div., Gabriel Street. Tel. 81.
Launceston	Ambulance Station, Westgate Street. Tel. 32.	Supt. Richard Heard, S.J.A.B., Elmside. Tel. 32.
Liskeard	Ambulance Station, Fair Park.	Transpt. Sgt. S. C. Sanders, S.J.A.B., 13, Fore Street.
Pendeen	Ambulance Hall, Trewellard, Pendeen. Tel. St. Just 52 and 40.	Amb. Off. D. J. Briggs, S.J.A.B., Trewellard, Pendeen. Tel. St. Just 21.
Penzance	Penalverne Car Park.	Supt. T. C. Cooper, S.J.A.B., Alverton Street. Tel. 287.
Redruth	Headquarters, S.J.A. Div., Basset Street. Tel. 159.	Supt. C. C. Pellowe, S.J.A.B., Trewirgie Vean. Tel. 159.
Truro	City Road.	Supt. F. Graae, S.J.A.B., 15, Prospect Place. Tel. 2439.

In addition to the above, there are also ambulances at Bude, Newquay and Torpoint.

These ambulances are not available for ordinary infectious disease, but are used in connection with the Council's Public Health Services. Ambulances for ordinary infectious disease are provided by the District Councils in connection with the Isolation Hospitals. The County Council make a grant of £10 per ambulance to the Cornwall Voluntary Aid Organisation, to be devoted solely to expenses in connection with road accidents.

The administration of the institutional medical services transferred from the late Boards of Guardians under the provisions of the Local Government Act, 1929. Development has continued on the same lines as reported in previous Reports. There are 9 Public Assistance Institutions, all of which are mixed Institutions including an Infirmary for the sick and the House part of the Institution. (See Table at end of Report).

Poor Law Medical Out Relief. Arrangements have been made whereby all medical relief districts in the County will eventually, if there are medical practitioners residing or practising in such districts who are willing to contract with the County Council, be served by medical practitioners contracting with the County Council under the terms of the Scheme.

The County Council will contract with any medical practitioner, who is duly qualified and willing to serve on a panel of medical practitioners residing or practising in any medical relief district, for the provision of relief in a medical relief district to which the Scheme applies.

Poor persons granted medical relief will be able to select from the panel of medical practitioners for the medical relief district in which they reside, the medical practitioner they desire to attend them.

The Scheme came into operation on 1st July, 1934. There are 72 Medical Relief Districts, 48 having District Medical Officers, and 24 in which there is a panel of medical practitioners.

Persons in receipt of Relief in March, 1939, were 4,700 as compared with 4,676 in March, 1938.

SANITARY CIRCUMSTANCES OF THE AREA.

County Councils are not Sanitary Authorities for such purposes as water supply, sewerage, and the arrangements for dealing with infectious disease, but under the Local Government Act, 1929, County Councils may make grants to District Councils in aid of schemes for water supply and sewerage. Grants have been made by the County Council in aid of water supplies for rural areas.

If it is desired to attract a considerable number of visitors to Cornwall it will be necessary to provide a sufficient water supply and satisfactory sewerage arrangements. When the boundaries of the districts were revised recently it was hoped that the remaining districts would be sufficiently large to enable them to undertake all necessary provision.

Water supplies, sufficient during the greater part of the year, may be insufficient for visitors in the holiday months.

There has been considerable delay with the provision of new beds in Isolation Hospitals.

Water. Rural Water Supply. This question has not been such an urgent one here as in some Counties, but a scheme for assisting Rural Councils in improving the water supply has been approved by the Council.

The Rural Water Supplies Act, 1934, placed at the disposal of the Ministry of Health the sum of £1,000,000 to assist the provision or improvement of Schemes of water supply in rural districts in England and Wales. The County Council under section 57 of the Local Government Act, 1929, have power to contribute towards the cost of water Schemes.

The County Council have drawn up a Scheme under which grants may be made to Rural District Councils, provided such Schemes are approved by the Ministry of Health and are eligible for a grant from the Minister under the 1934 Act.

Grants have been approved by the Minister of Health in the following cases on condition that at least equal grants are made by the County Council and the Rural District Council:

Rural District.	Estimated cost of scheme. £	Amount of grant approved. £
St. Germans (Calstock)	3,300	800
West Penwith (Madron)	2,746	200
St. Germans (S.E. Cornwall)	119,000	10,000
Truro :		
Perranzabuloe	9,550	750
Probus	4,550	1,100
St. Agnes	11,600	750
St. Just-in-Roseland	11,000	1,400
St. Austell (St. Stephens and St. Dennis)	14,180	650
St. Austell (St. Columb Major, St. Enoder and Mawgan-in-Pydar)	32,800	1,300
	208,726	16,950

The £1,000,000 placed at the disposal of the Ministry has now been allocated.

Rivers and Streams. Action to check pollution of rivers or streams may be taken by District Councils or by the County Council.

Schools. The sanitary condition and water supply of the Schools is constantly receiving the attention of the Education Committee, and as opportunity offers Schools are connected with water and drainage schemes.

HOUSING.

Housing Act, 1936. A grant of £1 per house for 40 years has been approved in respect of the following Districts :—

District.	No. of houses.
Kerrier Rural	22
Truro Rural	14
St. Germans Rural	7
Wadebridge Rural	18

INSPECTION AND SUPERVISION OF FOOD.

Milk (Special Designations) Orders, 1936 and 1938. These Orders provide that no person may use a "special designation" for any milk unless there is in force a milk licence authorising the use of that designation in connection with that milk, nor may any description be used in regard to the sale of milk which is calculated falsely to suggest that the cows are free from tuberculosis or that the milk has been graded or tested by any competent person.

The County Council is responsible for the granting of licences for the production of Tuberculin Tested milk and Accredited milk.

No. of licences on 31st December,	Tuberculin Tested.	Accredited.
1936 ...	36	232
1937 ...	36	299
1938 ...	60	328

The following number of samples were taken during the year, with the results shown :—

				Tuberculin Tested.	Accredited.
No. of samples taken	...	...		339	1,474
„ „ satisfactory	...	...		288	1,183
„ „ unsatisfactory	...	...		51	291

The unsatisfactory samples were made up as follows :—

Failed Methylene Blue Reductase Test	...	20	101
Excessive bacillus coli content	...	21	118
Failed Methylene Blue Reductase Test and Excessive B.Coli content	...	10	72

Milk Supplied to Schools. Under the Milk Marketing Board's Scheme children may obtain milk for $\frac{1}{2}$ d. for a third of a pint, subsidies being paid direct to the producers. At the end of the year 16,094 elementary and 1,071 Secondary School children were receiving milk in School. Of the former number, 3,337 were receiving milk free of charge. Approximately 58% of children in average attendance were receiving milk. The milk supply in the Schools is usually accredited milk or of that standard, and some is Tuberculin Tested.

Meat and Other Foods.

The County of Cornwall Act 1929, S.68, when adopted by a District Council provides for the registration of manufacturers, vendors, merchants, dealers, and premises for the manufacture or storage or sale of ice-cream. The majority of the District Councils have adopted this Section of the Act.

S.69 is in operation without adoption and provides for the notification of infectious disease and for dealing with infected ice-cream. It also provides for the inspection of materials, commodities or articles of food on such premises.

Adulteration, etc.

Samples taken during the year under the Food and Drugs (Adulteration) Act, 1928, were as follows:—

Name of Article.	Number of Samples taken.	Genuine.	Adulterated.	Remarks.
Almond and Vanilla Flavourings ..	2	2	..	
Arrowroot	1	1	..	
Baking Powder	6	6	..	
Biscuits	2	2	..	
Biscuits (Rich Butter)	2	..	2	Contained no butter
Brawn	1	1	..	
Butter	59	38	21	15 excess of water 6 excess of water and added margarine.
Cheese and Cheese Products ..	6	6	..	
Cinnamon	1	1	..	
Cocoa	1	1	..	
Cocoa and Rum and Coffee Essence	2	2	..	
Cornflower	1	1	..	
Cream	4	4	..	
Creamed Rice	1	1	..	
Dripping	2	2	..	
Dried Fruits	3	3	..	
Drugs	14	14	..	
Fish	4	4	..	
Fish Dressings	2	..	2	Contained yellow dye.
Flour	5	5	..	
Fruit Butter Banana	1	1	..	
Full Cream Milk Custard	1	1	..	
Gingerbread and Ginger Cake ..	5	4	1	Substantial proportion of Alum.
Ground Almonds	6	6	..	
Ground Ginger	2	2	..	
Ground Cassia	1	1	..	
Health Salts	1	1	..	
Honey	1	1	..	
Ice Cream	13	13	..	
Icing Sugar	1	1	..	
Jam	8	8	..	
Lard and Lard Substitutes ..	9	9	..	
Lemon Barley Powder	2	2	..	
Lemon Curd and Lemon Cheese ..	3	3	..	
Lobster Paste, etc.	5	5	..	
Margarine	4	4	..	
Meats	2	2	..	
Meat and Malt Wine	1	1	..	
Milk	197	151	46	9 added water. 37 deficient in fat.
Milk, skimmed	6	6	..	
Mincemeat	1	1	..	
Mint, dried	2	2	..	
Mint Jelly	1	1	..	
Mixed Spice	1	1	..	
Ox Tail Soup Powder	2	2	..	
Paxo Stuffing	1	1	..	
Pearl Tapioca	1	1	..	
Pepper	4	4	..	
Rice	1	1	..	
Saffron	4	4	..	
Saffron Cake	9	4	5	3 no recognisable proportion of Saffron. 2 added yellow dye.
Sausages	7	7	..	
Skimmed Milk Powder	1	1	..	
Spirits	20	20	..	
Suet	2	2	..	
Sweets	3	3	..	
Vinegar	11	10	1	Artificial.
Totals	459	381	78	17% adulterated.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Notifiable Diseases (other than Tuberculosis) during the year:

Disease.	Total cases notified.	Total Deaths.
Small Pox	—	—
Scarlet Fever	310	3
Diphtheria	101	9
Enteric Fever, including		
Paratyphoid	10	—
Puerperal Pyrexia	37	—
Pneumonia	221	131
Erysipelas	68	?
Ophthalmia Neonatorum	19	—
Encephalitis Lethargica	—	2
Acute Poliomyelitis ...	2	—
Cerebro-Spinal Fever ...	3	1

Diphtheria. 60 notifications were in urban districts and 41 in rural districts, a total of 101 cases. The distribution is shown in the table at the end of the Report. Last year there were 134 notifications. There were 9 deaths, a fatality of 8.9%. Before the introduction of anti-toxin, the fatality was 30%.

It is now possible by suitable injections to render a child immune to Diphtheria. This is very important for those thus rendered immune, but the numbers so treated are too small to affect the statistics. In a few districts offers have been made by the District Council and the Medical Officers of Health to immunise children against Diphtheria, but it is too early to state whether the offer is likely to be accepted to any appreciable extent. In 1938 schemes were in operation in St. Ives Borough and Launceston Urban and Rural Districts, and some hundreds of children have been immunised.

Scarlet Fever. 199 cases were notified in the urban districts and 111 in the rural districts, a total of 310. It is doubtful whether this represents half of the cases, which are often so mild that no notice is taken of the disease. Isolation is impossible where there are many cases. There were 3 deaths, a fatality of 0.97% of the notifications. This is a very mild disease now, very different from epidemics some years ago, when the fatality has been 30%.

Enteric Fever. There were 6 notifications in urban districts and 4 in rural districts, a total of 10 cases. There were no deaths. Most of the cases are single cases and no evidence is found as to the cause of the infection.

Of the non-notifiable diseases there were 6 deaths from Measles and 12 deaths from Whooping Cough. The provision of isolation hospital accommodation for these diseases has long been recognised as necessary; it is noteworthy that Measles and Whooping Cough together caused six times as many deaths as Scarlet Fever.

Cancer. There were 635 deaths from Cancer, a rate of 147.6 per thousand deaths from all causes in Cornwall. In 1937 there were 596 deaths.

Cornwall has a comparatively large number of persons of the Cancer age so that a higher death rate in Cornwall would be expected than in England and Wales.

The following report on Cancer was made by Dr. E. M. Clarke, County Medical Officer, in December, 1938:—

“ As Cancer is not a notifiable disease enquiries have been made from the medical practitioners in the County as to the number of cases under their care. Letters were sent to 167 medical practitioners, and 147 have replied up to the present. The number of cases reported is 347. If the 20 outstanding returns are similar, the estimated number would be 394. This is an under-estimate because some cases obtain advice and treatment outside the County without consulting a local medical practitioner. Twenty medical practitioners reported no cases.

In 1937 there were 596 deaths from Cancer in Cornwall, giving a death rate of 1.9 per thousand of the population as compared with 1.6 for England and Wales, the excess being due to the larger proportion of old persons in the County.

Enquiries were also made as to the duration of the disease in each case, whether suitable for operation, X-ray treatment, or Radium treatment, and whether there was any difficulty in obtaining the necessary treatment.

Operative treatment is undertaken at the various Hospitals, and X-ray and Radium treatment is provided at the Prince of Wales's Hospital, Plymouth, and the following patients from Cornwall have been referred to this Hospital:—

	1937,	1936.
Number of patients referred for Malignant growths	79 + 53 re-admissions.	95 + 47 re-admissions.
Number found to be suffering from Cancer ...	76	85 + 44 re-admissions.
Number who received Radium Treatment for Cancer	82	77 + 14 re-treatments.
Number who received Radium Treatment for other diseases	1	4
Number who received X-ray Treatment for Cancer	103	91
Number who received X-ray Treatment for other malignant growths	62	16

Since March, 1938, Radium Treatment has been provided at The West Cornwall Miners' and Women's Hospital, Redruth, and the Hon. Radiologist, Dr. C. Rivers, reports that 14 cases have received Radium treatment, (March to November, 1938). There were also treated by X-ray Therapy at the Redruth Hospital, January to October, 1938, 35 cases. In 1937, 40 cases, not included in the above, received treatment at the Hospital.

As regards the treatment considered suitable, the same case may be considered suitable for two or three forms of treatment. Very often operative treatment is followed by X-ray and/or Radium treatment.

Of the 347 cases reported,

170 cases were considered suitable for operation.

132 cases were considered suitable for X-ray treatment.

100 cases were considered suitable for Radium treatment.

In most cases this treatment had been obtained or was being received at the time of the report.

It is quite remarkable that almost all Doctors reported that there was no difficulty in obtaining the necessary treatment. A few drew attention to the inconvenience and expense of going to Plymouth, and suggested that some assistance should be given in such cases.

In view of the notice given by the Minister of Health as to the probability of legislation increasing the facilities for the treatment of Cancer no immediate action seems desirable."

TUBERCULOSIS.

No action has been taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925 (relating to persons suffering from Pulmonary Tuberculosis employed in the milk trade), or under Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to hospital of persons suffering from Tuberculosis).

Much of the work is set out in tabular form, and will be found at the end of the Report. There are tuberculosis treatment centres at Penzance, Tuckingmill, Truro, St. Austell and Liskeard. There is a Sanatorium at Tehidy with 108 beds.

The Tuberculosis Officer, on receipt of a notification, informs the notifying practitioner that he proposes to follow up the notification unless the practitioner reports that there are special reasons why this should not be done.

New Cases and Mortality during 1938.

Age Period.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1 ...	—	—	1	—	—	—	4	—
1—5 ...	—	—	3	7	—	—	1	3
5—15 ...	3	2	10	10	—	1	2	3
15—25 ...	32	23	7	8	13	17	6	2
25—35 ...	28	19	8	4	22	20	4	1
35—45 ...	16	10	1	2	10	12	5	5
45—55 ...	21	11	1	—	16	8	3	3
55—65 ...	10	6	2	4	9	7	—	1
65 and upwards	5	3	2	—	9	6	1	—
Totals ...	115	74	35	35	79	71	26	18

Notification Rates.

	Cornwall.					England & Wales.		
	No. of Cases.		Pulmonary Tuberculosis.	Other Forms.	All Forms.	Pulmonary Tuberculosis.	Other Forms.	All Forms.
	Pulmonary.	Others.						
1913	578	195	1.75	0.59	2.34	2.65	1.14	3.79
1929	288	74	0.9	0.2	1.1	1.33	0.42	1.75
1930	263	81	0.9	0.2	1.1	1.26	0.42	1.68
1931	295	61	0.95	0.20	1.15	1.41	0.46	1.87
1932	274	66	0.88	0.21	1.09	1.16	0.38	1.54
1933	227	50	0.73	0.16	0.89	1.10	0.35	1.45
1934	208	58	0.67	0.18	0.85	1.06	0.34	1.40
1935	141	41	0.45	0.13	0.58	0.98	0.31	1.29
1936	166	33	0.53	0.11	0.64	0.96	0.30	1.26
1937	187	36	0.60	0.12	0.72	—	—	—
1938	189	70	0.61	0.23	0.84	—	—	—

Death Rates from Tuberculosis.

	Cornwall.					England & Wales.		
	No. of Deaths.		Pulmonary Tuberculosis.	Other Forms.	All Forms.	Pulmonary Tuberculosis.	Other Forms.	All Forms.
	Pulmonary.	Others.						
1838-42	—	—	—	—	—	3.78	0.64	4.42
1901	484	97	1.49	0.30	1.79	1.26	0.54	1.80
1929	219	66	0.7	0.2	0.9	0.74	0.19	0.93
1930	236	62	0.75	0.20	0.95	0.68	0.18	0.87
1931	203	61	0.65	0.20	0.85	0.68	0.18	0.87
1932	205	39	0.65	0.12	0.77	0.68	0.15	0.81
1933	205	46	0.65	0.15	0.8	0.64	0.16	0.80
1934	214	43	0.68	0.14	0.82	0.63	0.13	0.76
1935	154	49	0.49	0.15	0.64	0.61	0.11	0.72
1936	159	45	0.51	0.14	0.65	0.58	0.11	0.69
1937	168	28	0.55	0.09	0.64	0.58	0.11	0.69
1938	150	44	0.49	0.14	0.63	0.53	0.10	0.63

The following Table shows the cases actually diagnosed as tuberculosis by the County Tuberculosis Officer:—

New (Definite) Cases.

Year.	Pulmonary.					Non-Pulmonary.					Pulmonary and Non-Pulmonary
	Men.	Women.	Boys.	Girls.	Total.	Men.	Women.	Boys.	Girls.	Total.	Total.
1926	136	93	7	3	239	18	18	14	11	61	300
1927	111	89	7	8	215	9	16	16	6	47	262
1928	106	105	10	5	226	11	11	12	5	39	265
1929	110	88	3	3	204	12	17	7	6	42	246
1930	94	92	3	7	196	13	12	13	2	40	236
1931	107	95	4	5	211	9	10	4	4	27	238
1932	102	92	3	3	200	8	15	8	7	38	238
1933	103	73	—	7	183	13	7	2	2	24	207
1934	91	74	1	4	170	12	18	7	8	45	215
1935	87	51	2	—	140	8	10	4	4	26	166
1936	77	66	1	4	148	7	5	4	2	18	166
1937	79	60	6	3	148	12	4	5	1	22	170
1938	92	56	3	—	151	17	11	8	6	42	193

The following Table shows the numbers and sexes for the year 1938:—

Notifications.				New Cases confirmed by County Tuberculosis Officer.				Deaths.			
Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
115	74	35	35	95	56	25	17	79	71	26	18
189		70		151		42		150		44	
259				193				194			

The notifications of non-pulmonary tuberculosis were as follows:—

	1938	1937	1936
Bones and joints ...	38	11	17
Glands	13	10	5
Meninges	7	5	2
Abdomen and peritoneum	5	4	5
Kidneys and Bladder ...	2	3	3
Others	5	3	1

X-ray Apparatus. The only apparatus available is at Tehidy. As it is often impossible to exclude the possibility of Tuberculosis without an X-ray examination, it would be desirable for a second X-ray apparatus to be available for the Eastern part of the County.

Sanocrysin and Artificial Pneumothorax treatment are available at Tehidy.

Artificial Light Treatment. Three lamps are used:—

- (i) A long flame carbon arc lamp, consuming 30 amperes.
- (ii) A vacuum type Mercury Vapour lamp, consuming 4 amperes.
- (iii) A Tungsten arc lamp, using from 5 to 10 amperes.

The current is direct, and the voltage 110.

Disease treated during the year, Lupus Vulgaris.

The number of cases of Tuberculosis on the registers of District Medical Officers of Health on 31st December, 1938, was as follows:—

District.	Pulmonary.			Non-Pulmonary.			Total Cases.	% of population.
	M.	F.	Total.	M.	F.	Total.		
Bodmin B. ...	14	27	41	4	12	16	57	.97
Bude-Stratton U.D....	10	13	23	2	3	5	28	.66
Camborne-Redruth U.D. ...	214	118	332	80	61	141	473	1.35
Falmouth B. ...	23	10	33	2	7	9	42	.28
Fowey B. ...	1	2	3	1	—	1	4	.18
Helston B. ...	—	—	—	—	—	—	—	—
Launceston B. ...	5	6	11	1	5	6	17	.35
Liskeard B. ...	24	22	46	8	12	20	66	1.60
Looe U.D. ...	1	2	3	—	—	—	3	.10
Lostwithiel B. ...	2	3	5	1	—	1	6	.31
Newquay U.D. ...	17	7	24	3	2	5	29	.37
Padstow U.D. ...	—	1	1	—	1	1	2	.09
Penryn B. ...	5	2	7	2	1	3	10	.26
Penzance B. ...	32	37	69	8	7	15	84	.44
St. Austell U.D. ...	18	23	41	13	13	26	67	.30
St. Ives B. ...	11	5	16	1	2	3	19	.24
St. Just U.D. ...	14	4	18	7	2	9	27	.66
Saltash B. ...	5	8	13	3	3	6	19	.28
Torpoint U.D. ...	5	3	8	4	4	8	16	.43
Truro City ...	17	14	31	4	5	9	40	.32
Camelford R.D. ...	2	—	2	2	1	3	5	.07
Kerrier R.D. ...	35	18	53	9	11	20	73	.40
Launceston R.D. ...	13	18	31	3	3	6	37	.58
Liskeard R.D. ...	21	12	33	2	9	11	44	.33
St. Austell R.D. ...	30	35	65	14	12	26	91	.47
St. Germans R.D. ...	38	23	61	7	9	16	77	.51
Stratton R.D. ...	4	9	13	4	5	9	22	.48
Truro R.D. ...	55	31	86	5	10	15	101	.42
Wadebridge R.D. ...	28	27	55	8	9	17	72	.57
West Penwith R.D. ...	32	29	61	11	10	21	82	.50
Totals ...	676	509	1,185	209	219	428	1,613	.52

The correctness of these figures depends on the care with which the District Medical Officers of Health carry out the requirements of Article 10 of the Public Health (Tuberculosis) Regulations, 1930. Article 10(5) is as follows:—

Every Medical Officer of Health shall from time to time, but not less frequently than once in every Quarter, revise the register kept by him by removing from the register:—

(1) The entries therein relating to notifications which have been withdrawn by or with the consent of the notifying medical practitioner on the ground that the original notification was incorrectly made.

(2) The entries relating to persons who are certified by the medical practitioner in attendance to have recovered, and

(3) The entries relating to persons who to his knowledge have died, have ceased to reside permanently in the district or who, after adequate search, cannot be found resident in the district.

Shelters. The Council have 49 shelters which are sent out on loan where there are suitable sites for erection.

VENEREAL DISEASES.

Treatment Centres: (1) Tuckingmill, near Camborne, (2) The City Hospital, Plymouth.
All Treatment Centres in the Country are open to all comers.

Summary of Work done:—

	TREATMENT CENTRE AT PLYMOUTH. (Patients from Cornwall only).							TREATMENT CENTRE AT TUCKINGMILL.						
	1920	1933	1934	1935	1936	1937	1938	1920	1933	1934	1935	1936	1937	1938
No. of Persons dealt with at the out-patient Dept. for the first time and found to be suffering from:—														
Syphilis	55	19	15	15	7	7	5	54	25	16	25	41	21	31
Soft Chancre	—	—	1	1	1	1	2	—	—	5	2	2	3	4
Gonorrhœa	20	28	38	27	37	38	40	37	70	80	52	86	78	76
Conditions other than Venereal	18	35	38	24	33	24	32	3	33	22	35	44	47	32
Total	93	82	92	67	78	70	79	94	128	123	114	173	149	143
Total No. of attendances at the out-patient dept.	808	807	941	734	777	682	876	554	1378	1138	921	1524	1408	1245
Aggregate No. of in-patient days	1059	626	554	515	570	842	719	—	58	53	49	71	35	136
No. of doses of Arsenobenzene Compounds given. (Out-patients and In-patients.)	305	127	194	140	166	109	99	302	310	290	227	518	373	338
Examination of pathological material at the Treatment Centre or sent to an approved laboratory for—														
Detection of Spirochetes	1	2	2	4	6	—	16	1	—	1	—	—	—	—
„ Gonococci	32	122	129	90	136	155	328	30	74	118	78	159	147	94
Wassermann reaction	117	80	81	64	81	75	82	89	118	74	78	124	108	98
Kahn reaction	—	—	—	—	—	—	—	—	77	39	50	69	74	90

During the year 1938 a new Treatment Centre has been opened at the Royal Cornwall Infirmary, Truro, and three beds are reserved for cases requiring in-patient treatment. Arrangements are made for new cases to be seen at any time and irrigations and other treatment carried out daily.

Summary for Cornish Patients:

	1920.	1933.	1934.	1935.	1936.	1937.	1938.
New cases	187	210	215	181	251	219	222
Total attendances at Clinics	1,362	2,185	2,079	1,655	2,301	2,090	2,121
Specimens examined from Clinics	270	473	444	364	575	559	708

The following shows the number of new cases at the Treatment Centres actually found to be suffering from venereal diseases:—

1920.	1927.	1928.	1929.	1930.	1931.	1932.	1933.	1934.	1935.	1936.	1937.	1938.
166	126	130	124	144	130	145	142	155	122	174	148	158

There is of course no record of the number of patients seeking treatment privately from medical practitioners, although the supply of arsenobenzol drugs to medical practitioners may be some indication of the number of patients seeking treatment for syphilis only.

Comparative figures for England:—

	1920.	1934.	1935.	1936.	1937.
Syphilis ...	40,000	19,328	18,027	18,609	19,185
Gonorrhoea ...	38,000	40,285	38,630	42,230	43,802
Soft-Chancres	2,000	828	970	1,000	941
Total ...	80,000	60,441	57,627	61,839	63,928

The Pathological Department of The Royal Cornwall Infirmary, Truro, under the direction of Dr. F. D. M. Hocking, has been approved by the Minister of Health for the examination of specimens from persons suffering, or suspected to be suffering, from Venereal Disease. The necessary outfits and directions may be obtained from Dr. Hocking.

Examination of Specimens sent by Medical Practitioners in Private Practice in the County.

	1920.	1933.	1934.	1935.	1936.	1937.	1938.
Specimens examined for							
Spirochetes ...	7	1	—	—	8	7	4
Gonococci ...	28	41	87	86	176	244	160
Wassermann Reaction	114	193	203	235	391	433	389
Kahn Reaction ...	—	18	15	23	114	76	66

Free Supply of Arsenobenzol.

Number of medical men who applied for a free supply ...	13	11	14	13	21	20	20
Doses of arsenobenzol supplied ...	387	177	198	106	334	382	464

BLIND PERSONS.

A table will be found at the end of the Report (Table VII).

Blind children 5—16 years of age are educated at the Exeter Blind Institution. After the age of 16 years suitable blind persons are trained for various occupations at the South Devon and Cornwall Institution for the Blind, Plymouth.

After training, a blind person may become a home worker under the supervision of the Institution, or in exceptional circumstances may work in the Institution.

There are 5 Home Teachers, four sighted and one blind. These work under the County Blind Association and visit the homes of blind persons and teach Moon and Braille reading, and otherwise keep under observation all blind persons who wish to be visited. 8,581 visits were made by these Home Teachers to blind persons, and 639 lessons given. There are 64 Library members.

There are 19 Home Workers, and 2 journeymen in the Institution at Plymouth.

Prevention of Blindness. The Council have adopted a system of voluntary notification by medical practitioners of persons threatened with blindness.

There were 837 registered blind persons on 31.3.39, 336 males and 501 females, and in addition 194 "watching" cases. 108 new cases were added during the year, making an increase of 31 from the previous year.

231 wireless sets are on loan to blind persons from the British Wireless Fund. A total of 764 certificates have been issued under the Wireless Telegraphy (Blind Persons Facilities) Act 1926, 550 being in operation at present.

VACCINATION.

A Table is given at the end of the Report (Table VIII), setting out the work under the Vaccination Acts, which is now undertaken by the Health Committee. It will be seen that for the year 1937 only 590 children out of 3,779 were successfully vaccinated, i.e., 15.61%. Statutory Declarations of Conscientious Objection were received for 2,691 children, i.e., 71.20% and 4 were found to be insusceptible to vaccination. For previous years the corresponding figures have been much the same.

MATERNITY AND CHILD WELFARE.

Area. The County Council is the Supervising Authority under the Midwives Acts for the whole County, but for other Maternity and Child Welfare work the 2 Boroughs of Penzance and Falmouth are separate Authorities. These Boroughs are also separate Education Authorities.

Maternity Ward. A maternity ward with seven beds is maintained by the Council at the West Cornwall Miners' and Women's Hospital, Redruth, under an agreement with the governing body of that Institution. 100 cases were admitted during the year, as compared with 88 in the previous year. There were 12 Infant deaths, certified as premature, 11 still births, and 4 maternal deaths. The following were the chief reasons for admission:—

Albuminuria	...	...	...	16
Contracted Pelvis	...	...	...	15
Disproportion	...	...	...	15
Eclampsia	...	...	...	10
Previous History	...	...	...	6

19 Caesarians were performed, i.e., 19% of total admissions, as compared with 32.95% for the previous year.

Of the 100 cases admitted 38 were delivered by midwives and 48 by Doctors. In the other cases confinement did not take place while in the Hospital. There were also five cases admitted to other hospitals in Cornwall.

Difficult cases from the Eastern part of the County may be admitted to the Prince of Wales's Hospital, Plymouth, The City Hospital, Plymouth, The Alexandra Homes, Devonport, and the Royal Devon and Exeter Hospital, Exeter. Thirty-one cases were admitted to these Hospitals during the year.

Maternity Cases. In the Institutions transferred to the County Council under the Local Government Act, 1929, there are 19 maternity beds, to which 64 women were admitted during the year, 53 being delivered by midwives and 9 by Doctors, the remainder being delivered before admission.

Children's beds in these Institutions are used as required, but there is not always a special Ward reserved for children only. 19 beds are so reserved, and 27 children were admitted to these beds during the year.

Rosemundy Home, 19 beds, for unmarried girls, is maintained by the Cornwall Preventive and Rescue Association. The girls are usually retained for one year.

Midwifery.	1914.	1937	1938.
Number of births in the County	6,413	4,166	4,213
Number attended by Midwives			
acting as Midwives	1,690 (26.35%)	2,138 (51.32%)	2,201 (52.24%)
Number attended by Midwives			
acting as Maternity Nurses	1,089 (16.98%)	1,601 (38.43%)	1,497 (35.53%)
Total attended by Midwives in			
either capacity	2,779 (43.33%)	3,739 (89.75%)	3,698 (87.77%)

Medical help was sent for by Midwives in 56.07% of their cases as compared with 52.43% for 1937, 51.91% for 1936, 48.50% for 1935, and 45.13% for 1934.

Maternal Mortality. There were 6 deaths from Sepsis, and 14 from other causes connected with child bearing, making a total of 20 deaths. The following are the rates per 1,000 births, including still births in the last few years.

				Sepsis.	Other Causes.	Total Cornwall.	England & Wales.
1919-22	...	...	...	0.76	3.26	4.02	—
1924	...	...	...	0.58	2.12	2.70	3.90
1925	...	...	...	1.82	5.05	6.87	4.08
1926	...	...	...	0.62	2.47	3.09	4.12
1927	...	...	...	1.27	3.17	4.44	4.11
1928	...	...	...	1.71	3.86	5.57	4.42
1929	...	...	...	1.94	3.24	5.18	4.33
1930	...	...	...	0.86	3.87	4.73	4.40
1931	...	...	...	0.85	2.78	3.63	3.94
1932	...	...	...	0.87	2.85	3.72	4.06
1933	...	...	...	1.81	2.72	4.53	4.23
1934	...	...	...	1.81	4.09	5.91	4.41
1935	...	...	...	0.68	3.88	4.57	3.93
1936	...	...	...	1.14	2.75	3.89	3.65
1937	...	...	...	0.48	3.12	3.60	3.11
1938	...	...	...	1.42	3.32	4.74	2.97

The rates for particular years are very variable owing to the comparatively small number of births. The rate for the last five years was 4.54 and for the previous five years 4.36.

Ante-natal Examinations. The Council have a scheme under which a midwife may arrange with a medical practitioner for an ante-natal examination of her patients, and 1,155 such primary examinations were made during 1938. In 1937 there were 914 examinations, and the previous year 815. Arrangements are now made for two ante-natal and one post-natal examinations.

Consultants. A second opinion was obtained by medical practitioners for 45 patients under the Council's scheme.

The Midwives Act, 1936. This act came into operation in 1937 and arrangements have been made with the County Nursing Association for this work. Under this Act the County Council became responsible for seeing that sufficient Midwives are available for the County. With the exceptions of St. Ives, where there is a separate Nursing Association, and North Tamerton which is included in a Devon Nursing Association, the whole County is covered by Associations affiliated to the County Nursing Association.

Work of the Health Visitors. The following is the work of the whole-time Health Visitors, and District Nurses acting as Health Visitors, for the years ended 31st March:—

	1936.	1937.	1938.	1939.
Health visits to mothers and children	54,733	53,746	54,031	55,381
Attendances at Clinics and Treatment Centres	325	328	391	315
Visits to tuberculosis patients ...	2,518	2,445	2,846	2,666
Sessions at Infant Welfare Centres	443	375	1,311	1,083
Lectures and talks to mothers ...	304	334	286	230
School inspections	709	681	639	652
Visits to homes of school children	7,527	6,427	10,234	7,466
School children followed up ...	3,070	2,767	2,817	1,358
Special visits to schools	1,116	1,155	1,092	1,131
Visits to boarded-out children ...	591	630	622	623

Excluding the Boroughs of Penzance, Falmouth, and Launceston, which then had separate Maternity and Child Welfare Schemes, the County Health Visitors with the District Nurses acting for the County Council made the following visits :—

	1934.	1935.	1936.	1937.	1938.
To Expectant Mothers—					
First Visits ...	2,826	3,003	2,840	3,072	3,285
Total visits ...	13,583	14,555	15,079	17,125	20,041
To children under 1 year of age—					
First Visits ...	3,529	3,741	3,442	3,413	3,443
Total visits ...	24,951	24,881	24,265	23,842	25,505
To children between the ages of 1 and 5 years—					
Total visits ...	32,937	30,117	29,481	30,189	29,876

Work of the Cornwall County Nursing Association for the Year ended 31st March, 1939.

Number of District Nursing Associations ...	130.
Nurses employed	168.

Of these 17 are Queens Nurses.

18 are Hospital trained with District Nursing.

133 are State Registered Midwives.

New patients attended by Nurses :—

Medical	8,693
Surgical	5,658
Midwifery and maternity cases ...	3,046
	17,397

Nursing visits	332,396
Casual visits	45,403
Ante-natal visits	20,041
Nights on duty	2,150
Operations attended	343

Emergency Nurses. Four emergency nurses are provided by the County Nursing Association for the use of the County Council when required for the nursing of cases of Puerperal Pyrexia, Puerperal Fever, and Ophthalmia Neonatorum. When not employed by the Council they are employed by the County Nursing Association and the District Nursing Associations.

Nursing in the Home. This is undertaken by the 131 District Nursing Associations, 130 of which are affiliated to the County Nursing Association and employ 168 nurses. North Tamerton is included in the Devon County Nursing Association.

Infant Welfare Centres. No Centres are maintained by the Council. The following Centres are maintained by Voluntary Associations in the County Maternity and Child Welfare Area:—

Bodmin.	Newquay.
Bude.	Padstow.
Camborne.	Penryn.
Camelford.	Perranporth.
Grampound Road.	Redruth.
Hayle.	St. Austell.
Illogan (Pool).	St. Blazey and Par.
Launceston.	St. Day.
Liskeard.	St. Ives.
Looe.	Truro.
Mullion.	Wadebridge.

The attendances at these Centres were as follows :—

	1933.	1934.	1935.	1936.	1937.	1938.
Number of Centres	17	16	17	17	20	22
By children under 1 year of age	2,632	2,699	3,157	3,307	4,066	5,492
By children between the ages of 1 and 5 years	5,584	6,412	6,838	7,172	7,801	9,389

Total number of children who attended at the Centres for the first time during the year :

	1933.	1934.	1935.	1936.	1937.	1938.
(i) Children under 1 year of age	256	298	265	321	383	541
(ii) Children between the ages of 1 and 5 years	148	197	190	137	205	316
Percentage of notified live births represented in (i) above ...	7.0	8.38	7.31	9.1	11.2	13.35

In a rural county such as Cornwall most mothers find the distances too great to attend the Centres, and the Health Visitors follow up cases to their homes.

Ophthalmia Neonatorum.

Noti- fied.	Cases		Vision Unimpaired.	Vision Impaired.	Total Blindness.	Deaths
	At Home.	In Hospital.				
16	12	4	16	—	—	—

Many of the cases notified were very mild. An emergency nurse is supplied for home nursing when necessary.

Child Life Protection. 84 persons receiving children for reward were on the Register at the end of the year, and 125 such children were registered.

Squint. Arrangements are made for the examination of children under school age with Squint, and for the provision of glasses in necessitous cases. 35 children under school age were so examined during the year, and glasses provided free in 6 cases.

Nursing Homes Registration. There are 26 registered Nursing Homes. Exemption from registration has been granted to 15 Hospitals. No powers have been delegated.

ORTHOPAEDIC TREATMENT.

Clinics. There are at present 10 Orthopaedic Clinics maintained by the County Council, with Dr. W. W. Rentoul as part-time Medical Officer, as follows :—

Clinic.	Address.	Doctor's day.
St. Just	Women's Institute, St. Just.	2nd Thursday in the month at 10.30 a.m.
Penzance	St. Mary's Parish Hall, Queen Street, (off Chapel Street), Penzance.	Last Thursday in the month at 1.30 p.m.
Helston	Public Assistance Institution, Helston.	3rd Monday in the month at 10.0 a.m.
Camborne	Church Mission Hall, Camborne.	4th Wednesday in the month at 10.30 a.m.
Falmouth	Welfare Centre, Killigrew Road, Falmouth.	2nd Tuesday in the month at 2.0 p.m.
Truro	The Royal Cornwall Infirmary, Truro.	1st Monday in the month at 2.0 p.m.

Clinic.	Address.	Doctor's day.
St. Austell	New Health Centre Moorland Road, St. Austell.	3rd Tuesday in the month at 10.0 a.m.
Bodmin	Centenary Assembly Rooms, Fore Street, Bodmin.	4th Friday in the month at 2.0 p.m.
Wadebridge	Congregational Church Rooms, Molesworth Road, Wadebridge.	3rd Friday in the month at 10.0 a.m.
Liskeard	Welfare Centre Buildings, Fair Park Road, Liskeard.	2nd Saturday in the month at 10.0 a.m.

The Clinics at Penzance and Falmouth are provided in conjunction with the Penzance and Falmouth Local Education Authorities, the Falmouth Clinic opening in May, 1938.

The Clinics are open for one session a week, the Orthopaedic Surgeon being present on one session a month.

There are in addition the following Clinics:—

Launceston.—(Maintained by the Devonian Association).

Doctor's day: 1st Monday in the month at 2.30 p.m.

Mount Gold, Plymouth.—(Maintained by the Plymouth Borough Council).

Doctor's days: 2nd and 4th Fridays in the month at 2.30 p.m.

Hospitals.

Truro.—The Royal Cornwall Infirmary, Truro.

Plymouth.—The Mount Gold Hospital, Mount Gold Road, Plymouth.

Exeter.—The Princess Elizabeth Orthopaedic Hospital, Buckereil Bore, Exeter.

Ivybridge.—The Dame Hannah Rogers' Orthopaedic Hospital, Ivybridge, Devon.

The number of Orthopaedic beds at the Royal Cornwall Infirmary, Truro, was increased from 14 to 42.

		Plymouth.	Truro.	Exeter.	Ivybridge.
Number in Hospital 1.1.38					
Under 5 years of age	...	9	1	—	1
Over 5 years of age	...	8	—	—	3
Number admitted during the year					
Under 5 years of age	...	13	1	1	1
Over 5 years of age	...	50	6	1	6
Number discharged during the year					
Under 5 years of age	...	15	1	—	2
Over 5 years of age	...	48	5	—	8
Number in Hospital 31.12.38					
Under 5 years of age	...	7	—	1	—
Over 5 years of age	...	10	1	1	1
Average length of stay					
Under 5 years of age	...	5 mths.	8 mths.	—	4½ mths.
Over 5 years of age	...	2½ mths.	11½ mths.	—	3½ mths.

ATTENDANCES AT CLINICS AND NUMBERS ON REGISTERS, 1938.

Attendances on Surgeon's Days.										Total Attendances on all Days.						Number of Cases on Register. on 31.12.38.			
Clinic.	New Cases.				Total Attendances.														
	Under School age.	School age.	Tuber- culosis.	Total.	Under School age.	School age.	Tuber- culosis.	Total.	Under School age.	School age.	Tuber- culosis.	Adults.	Total.	Under School age.	School age.	Adults.	Total.		
	6	6	—	12	32	98	10	140	96	591	75	223	985	12	50	30	92		
	3	4	2	9	21	318	24	363	14	1,299	89	5	1,407	3	43	5	51		
	20	11	3	34	163	214	56	433	339	1,088	21	326	1,774	40	104	60	204		
	4	11	1	16	69	216	33	318	190	588	174	215	1,167	12	38	36	86		
	11	28	2	41	91	578	71	740	254	2,172	127	338	2,891	35	147	91	273		
	23	40	5	68	283	775	40	1,098	609	2,683	122	590	4,004	51	154	72	277		
	14	57	2	73	168	965	39	1,172	316	4,503	161	344	5,324	44	245	118	407		
	8	18	—	26	50	360	19	429	127	1,275	21	147	1,570	17	95	19	131		
14	21	2	37	52	371	14	437	126	1,166	4	244	1,540	21	76	36	133			
...	9	26	1	36	98	530	12	640	278	2,435	34	317	3,064	27	118	44	189		
Totals of County Council Clinics	112	222	18	352	1,027	4,425	318	5,770	2,349	17,800	828	2,749	23,726	262	1,070	511	1,843		
Launceston	6	18	—	24	36	186	—	222	50	263	—	—	313	8	31	—	39		
Mount Gold	—	11	—	11	3	64	—	67	3	118	—	—	121	1	21	—	22		
Totals of Cornish Cases	118	251	18	387	1,066	4,675	318	6,059	2,402	18,181	828	2,749	24,160	271	1,122	511	1,904		

PARTICULARS RELATING TO THE WORK AT THE ORTHOPAEDIC CLINICS IN THE COUNTY.

		Year 1930.	Year 1931.	Year 1932.	Year 1933.	Year 1934.	Year 1935.	Year 1936.	Year 1937.	Year 1938.	Totals.
Number of new cases seen at Clinics	Under School age	23	36	68	112	86	78	97	126	118	744
	School age	66	73	134	214	203	196	336	262	251	1,735
	Orthopaedic T.B.	—	—	—	—	—	—	—	2	18	20
	Total	89	109	202	326	289	274	433	390	387	2,499
Number of attend- ances of old cases on Doctor's days	Under School age	1	50	148	324	420	527	635	777	945	3,827
	School age	23	134	368	847	1,494	1,843	2,887	3,911	4,358	15,865
	Orthopaedic T.B.	—	—	—	—	—	—	—	146	300	446
	Total	24	184	516	1,171	1,914	2,370	3,522	4,834	5,603	20,138
Total attendances on Doctor's days	Under School age	24	86	216	436	506	605	732	903	1,066	4,574
	School age	89	207	502	1,061	1,697	2,039	3,223	4,173	4,675	17,666
	Orthopaedic T.B.	—	—	—	—	—	—	—	148	318	466
	Total	113	293	718	1,497	2,203	2,644	3,955	5,224	6,059	22,706
Number recommended for admission as In- Patients	Under School age	14	17	23	42	35	31	24	26	25	237
	School age	32	48	38	41	72	60	48	45	51	435
	Orthopaedic T.B.	—	—	—	—	—	—	—	12	16	28
	Total	46	65	61	83	107	91	72	83	92	700
Number admitted as In-Patients	Under School age	7	12	16	29	24	21	20	14	17	160
	School age	22	45	34	44	50	54	48	38	48	383
	Orthopaedic T.B.	—	—	—	—	—	—	—	3	9	12
	Total	29	57	50	73	74	75	68	55	74	555

REPORT OF THE INSPECTOR OF MIDWIVES.

The number of Midwives who notified their intention to practise in the County during the year 1938 was 267. Of these, 18 were to fill vacancies of Midwives who ceased to practise in the County during the year, and 7 were temporary appointments for holiday and relief duty. This leaves a total of 242 midwives available for work at the end of the year, being 8 trained midwives more than in the previous year.

Domiciliary Midwives.	Midwives in Institutions.	Total.
219	23	242

Of the domiciliary midwives 170 work under the Cornwall County Nursing Association, 2 work under independent associations, 47 are in private practice.

The Midwives are of four classes:—

	1937.	1938.
(1) Six months training only ...	1	1
(2) Village nurse-midwives, 15 months training	187	194
(3) Hospital Training and C.M.B. Certificate	30	30
(4) Queen's Nurses, Hospital, District, and C.M.B. Certificate	16	17

Of the 18 midwives who ceased to practise in Cornwall, 4 were for work in other Counties, 7 for marriage, 1 for further training, 3 surrendered their certificates, 2 were dismissed and 1 died.

Cases attended by midwives in different groups:—

	C.C.N.A.	Indep. Asscns.	Public Asstnce. Instns. and Vol. Hosptls.	Nursing Homes and Private Practice.
As midwife	1,927	48	91	135
As maternity nurse	1,119	26	71	281

During the year 960 visits were made, in addition to 260 special visits of enquiry; an average of 4 visits to each practising midwife.

Notifications Received.

(For all cases, domiciliary and institution).

	Cases attended.	Still- Births.	Deaths of Mother.	Deaths of Child.	Artificial feeding.	Liability to be infectious.
As Midwife	2,201	41	3	37	143	65
As Maternity Nurse	1,497	77	8	43		
Totals	3,698	118	11	80	143	65

Number of Times Medical Aid sought.

For Mother	{	During Ante-Natal Period	...	289
		At Labour	... ..	685
For Child	{	During Puerperium	... ..	120
		... ..	... ..	140
				1,234

Still Births. Of the 41 cases notified 15 were cases where a doctor had been called in during labour, 7 were B.B.A., 2 were emergency cases and 17 in which the midwife was acting alone. Of the 41 cases 21 were macerated, 19 were premature.

Maternal Deaths. Of the 3 maternal deaths in which the midwife was acting as midwife, Medical Help was sought at labour and during the puerperium in each case; one of the

cases was an emergency case. All the deaths occurred at home; the causes of death being certified as under:—

- (1) Secondary Post-Partum Haemorrhage.
- (2) Septic Peritonitis.
- (3) Pulmonary Embolism.

There were also 8 maternal deaths in which the midwife was acting as maternity nurse; of these 3 were domiciliary cases and 5 were cases in institutions.

Liability to be a Source of Infection.

Of the 65 notifications received:—

- 36 were for rise of temperature during the puerperium.
- 21 were for infants with discharging eyes.
- 8 were for general illnesses other than maternity.

Puerperal Pyrexia and Fever.

33 cases were notified; Puerperal Fever 6 and Puerperal Pyrexia 27. In 19 cases the Midwife was acting as Maternity Nurse; in 4 cases the Midwife called in Medical Help at labour, in 6 cases during the puerperium, in 3 cases at labour and during the puerperium, and in 1 case during the ante-natal period and at labour.

10 cases were nursed in hospitals and Nursing Homes, and 23 were nursed at home; 30 made a good recovery, and 3 died, 1 at home and 2 in hospital.

Ophthalmia Neonatorum.

16 cases were notified; of these 12 were treated at home, and 4 were transferred to hospital. All cases cleared up with no apparent impairment of vision.

Emergency Nurses.

In addition to nursing cases of Puerperal Fever and Pyrexia, and treating cases of Ophthalmia Neonatorum the Emergency Nurses have attended 133 maternity cases.

Ante-Natal Care.

The Midwives working under the Cornwall County Nursing Association have paid 20,041 visits to expectant mothers in their own homes.

M. RIDEN,
Inspector of Midwives.

RAINFALL FOR THE YEAR 1938.

The following report is kindly supplied by Mr. A. Pearse Jenkin, the Hon. Secretary of the Cornwall Rainfall Association.

Average.	Place.	Alt. ft.	Total Rain. in.	Greatest Fall.		Rain-days. .01 or .04 over.	
				Amt.	Date.		
North-West Coast Streams.							
	St. Ives (Halsetown) Rev. T. C. Barfett	328	44.89	1.48	Nov. 25th	212	159
	do. Col. Findlay (September interpolated).	300	(43.11)	1.61	Nov. 25th	(195)	154)
	Lelant (Trevethoe), E. Courtice ...	50	35.24	1.25	Dec. 9th	193	156
	Crowan. Camborne Water Co. ...	511	47.82	1.72	July 6th	196	163
	Camborne, Miss Osborne	402	41.64	1.56	Dec. 9th	—	—
46.47	Redruth. A. Pearse Jenkin	398	44.88	1.74	July 6th	205	158
	St. Agnes. Dr. Whitworth (December interpolated)	310	(36.18)	1.59	Nov. 25th	(200)	149)
34.25	Newquay. Dr. Vigurs	190	32.75	1.54	Aug. 3rd	183	134
	St. Minver (Trewornan) Mrs. Hext ...	30	36.90	2.32	Aug. 3rd	191	157
	do. (Trebetherick) A. T. Roseveare and Miss Thompson, after September.	50	35.06	1.75	Aug. 3rd	—	—
	do. (Lundy Bay) W. Poynter Adams	240	38.48	(weekly record).			
	Bodmin. Mrs. Leslie	484	47.16	2.98	Aug. 3rd	237	170
	do. (Tredethy), Capt. Wilson	550	48.89	3.40	Aug. 3rd	203	162
	St. Petroc Minor. Miss Skilbeck ...	150	31.66	1.70	Aug. 3rd	214	141
	Delabole (Old Delabole Slate Co.) ...	620	49.85	2.50	Aug. 4th	207	175
Tamar Valley.							
47.31	Egloskerry. (Miss Lethbridge) (April interpolated).	517	(49.85)	(monthly record).			
	Launceston (North Hill). Miss Hale	475	64.36	1.92	July 6th	221	168
	do. (Hexworthy) R. B. Rogers	270	45.51	2.37	Aug. 3rd	203	141
	Drakewalls, J. D. Woolcock; after July, F. Bolt	573	53.44	2.60	Aug. 3rd	189	—
	St. Mellion (Pentillie Castle) ...	150	50.58	1.70	Nov. 25th	166	148
	Mt. Edgcumbe (Empacombe) Miss Algate	20	40.19	1.81	Nov. 25th	194	149
	Cremyll. S. B. Wilcox	25	38.42	1.76	Nov. 25th	180	140
South Coast Streams.							
	Pensilva. B. T. Skentelbery		62.62				
	Bolvantor. Rev. H. H. Hook	845	68.98	2.10	Aug. 22nd	—	—
	Liskeard. Miss D. P. Foster	320	45.71	1.56	July 6th	190	141
	Downderry, B. W. Sutherns	55	39.27	1.56	Nov. 25th	190	140
	Looe. W. D. Clague	50	40.76	1.88	Nov. 25th	178	142
	Lostwithiel, Robert Pease	110	49.22	2.50	Aug. 3rd	205	154
	Fowey. C. I. Wellington	52	38.67	2.28	Aug. 3rd	200	163
	Mevagissey. C. Metcalfe	100	41.81	1.45	Nov. 25th	190	159
	St. Ewe, R. Barbary	300	41.27	1.90	July 6th	195	161
	Tregoney (Trewarthenick). P. A. Welman	200	39.59	(monthly record).			
	Tresillian, C. Nicholson	75	38.50	1.38	Nov. 25th	181	150
	Truro Waterworks	71	42.08	1.54	Nov. 25th	195	161
	Truro (Tregolls), Miss Rashleigh ...	65	38.94	1.42	Nov. 25th	197	152
	St. Day. R. R. Blewett	390					

The chief rainfall characteristic of the year was three consecutive dry months—Feb.—April, March being the driest March during the whole record, and April being practically rainless. During this period there was an “ absolute drought ” of 30 days, and a “ partial drought ” 47 days.

The Temperature had remarkable features ; both March and November being warmer than any month of those names during the record (marked (M) above). Only four of the months were below the average ; the maximum in July having only reached 70 deg. (70.9 on 31) once in the month. The highest temperature of the year was 73.4 on 1st August, and the lowest 20.4 on 20th December, which is the lowest December temperature during the record.

A. PEARSE JENKIN,
Hon. Secretary.

Trewirgie, Redruth.

Table I.
Total Number of Births and Deaths in each District during the Year 1938.

SANITARY DISTRICT.	AREA IN ACRES.	ESTI- MATED POPU- LATION 1937.	LIVE BIRTHS.							Stillbirths.	DEATHS.						
							Total.	Rate.	Under 1 Year.			At all Ages.					
			Legitimate.	Illegitimate.		Number.			Total.		Rate per 1,000 live births	Number.	Total	Rate.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14				
URBAN.																	
Bodmin -	3,311	5,514	M. 38	F. 29	M. 1	F. ..	68	12.33	3	M. 2	F. ..	2	29.41	M. 31	F. 37	68	12.33
Bude-Stratton	4,278	4,459	19	29	1	1	50	11.21	5	..	..	..	..	33	27	60	13.45
Camborne—																	
Redruth -	22,411	34,920	234	209	9	11	463	13.25	18	18	14	32	69.11	236	304	540	15.46
Falmouth -	1,893	15,040	82	87	10	6	185	12.30	15	9	2	11	59.45	110	95	205	13.63
Fowey -	2,973	2,255	8	10	..	..	18	7.98	..	1	..	1	55.55	15	19	34	15.08
Helston -	3,965	4,939	21	33	..	1	55	11.14	5	4	..	4	72.72	30	42	72	14.60
Launceston -	2,182	4,273	35	28	2	2	67	15.68	4	1	..	1	14.92	31	26	57	13.34
Liskeard -	2,704	4,120	19	16	1	1	37	8.99	4	1	2	3	81.08	29	34	63	15.30
Looe -	1,649	3,088	21	13	..	1	35	11.35	1	..	..	..	..	20	17	37	11.98
Lostwithiel	2,964	1,925	18	11	..	1	30	15.58	..	..	1	1	33.33	13	7	20	10.39
Newquay -	5,290	7,820	27	43	..	1	71	9.08	..	4	..	4	56.33	53	43	96	12.28
Padstow -	3,343	2,327	25	18	..	..	43	18.48	..	..	..	..	..	5	13	18	7.74
Penryn -	721	3,793	30	32	..	1	63	16.61	..	..	1	1	15.87	22	34	56	14.77
Penzance	3,124	19,210	101	120	5	3	229	10.99	14	6	3	9	39.30	101	128	229	10.99
St. Austell	18,288	22,410	141	143	4	7	295	9.55	11	12	5	17	57.62	160	152	312	13.92
St. Ives -	4,339	7,877	45	38	1	..	84	10.66	4	4	1	5	59.52	63	68	131	16.63
St. Just -	7,634	4,090	26	35	1	2	64	15.65	5	..	2	2	31.25	33	41	74	18.10
Saltash -	5,335	6,736	43	43	3	2	91	13.51	1	4	5	9	98.90	48	46	94	13.93
Torpoint -	975	3,724	25	21	2	2	50	13.43	1	..	1	1	20.00	24	35	59	15.84
Truro City	2,476	12,580	83	79	2	1	165	13.12	6	2	3	5	30.30	80	68	148	11.77
TOTALS	99,855	171,100	1041	1037	42	43	2,163	12.64	98	68	40	108	49.93	1,137	1,236	2,373	13.87
RURAL.																	
Camelford -	52,544	7,078	44	48	2	1	95	13.42	1	1	..	1	10.52	40	39	79	11.16
Kerrier -	90,898	18,430	107	120	12	7	246	13.35	8	15	7	22	89.43	149	148	297	16.12
Launceston	73,081	6,347	35	38	..	..	73	11.50	5	2	2	4	54.79	37	47	84	13.24
Liskeard -	104,851	13,280	84	84	4	8	180	13.55	5	3	2	5	27.77	95	90	185	13.93
St. Austell	82,030	19,270	133	143	7	5	288	14.95	11	12	4	16	55.55	128	123	251	13.03
St. Germans	48,400	15,310	92	85	5	5	187	12.22	7	7	2	9	48.12	107	107	214	13.98
Stratton -	56,301	4,612	30	30	3	3	66	14.30	3	3	..	3	45.45	33	29	62	13.44
Truro -	108,073	23,770	166	170	9	7	352	14.81	7	11	6	17	48.29	169	175	344	14.47
Wadebridge	88,231	12,580	83	80	5	7	175	13.91	11	9	1	10	57.14	89	83	172	13.68
West Penwith-	59,771	16,520	112	98	5	7	222	13.44	10	5	3	8	36.03	116	125	241	14.59
TOTALS	764,271	137,197	886	896	52	50	1,884	13.73	68	68	27	95	49.42	963	966	1,929	14.06
Whole County	864,126	308,297	1927	1933	94	93	4,047	13.13	166	136	67	203	50.16	2,100	2,202	4,302	13.95
Scilly Isles		1,603	12	10	..	..	22	13.73	..	2	..	2	90.90	9	10	19	11.86

Birth and Death Rates calculated per 1,000 of the population.

Table II.
Infectious Diseases notified in each district during the Year 1938.

SANITARY DISTRICT	Smallpox	Diphtheria	Enteric Fever	Scarlet Fever	Erysipelas	Puerperal Pyrexia	Ophthalmia Neonatorum	Pulmonary Tuberculosis	Other forms of Tuberculosis	Encephalitis Lethargica	Acute Polio-Encephalitis	Acute Poliomyelitis	Cerebro-Spinal Fever	Pneumonia	Malaria	Totals
URBAN																
Bodmin	-	..	1	3	2	..	..	1	1	..	..	..	..	..	..	8
Bude-Stratton	-	..	..	1	4	..	..	5	3	..	..	..	1	..	..	14
Camborne-Redruth	-	..	3	..	25	14	6	31	13	..	..	..	..	42	..	137
Falmouth	-	..	2	..	54	3	2	18	6	..	..	..	..	6	3	94
Fowey	-	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
Helston	-	..	..	..	10	..	..	..	..	..	..	..	1	3	..	14
Launceston	-	..	..	..	..	1	..	1	2	1	..	..	..	11	..	16
Liskeard	-	..	2	..	1	1	..	1	..	..	..	..	..	9	..	15
Looe	-	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
Lostwithiel	-	..	..	..	..	..	1	2	..	..	..	..	..	10	..	13
Newquay	-	..	1	..	8	..	..	4	2	..	..	..	..	..	..	15
Padstow	-	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Penryn	-	..	16	..	..	2	1	..	..	..	..	..	..	3	..	22
Penzance	-	..	26	..	34	6	..	10	1	..	..	..	..	2	..	79
St. Austell	-	..	4	1	22	4	1	2	12	7	..	..	..	6	..	59
St. Ives	-	..	..	1	4	..	..	10	2	..	..	..	..	1	..	18
St Just	-	..	2	..	13	8	..	6	4	..	..	..	..	9	..	42
Saltash	-	..	..	..	11	2	..	6	..	..	..	..	..	13	..	32
Torpoint	-	..	1	..	9	3	..	2	..	..	..	..	..	7	..	23
Truro City	-	..	2	..	2	1	1	11	4	..	..	..	..	1	..	24
TOTALS	-	..	60	6	199	46	13	9	122	44	..	..	2	123	3	627
RURAL																
Camelford	-	..	7	..	1	2	..	1	..	..	..	..	..	4	..	15
Kerrier	-	..	9	..	17	4	1	6	2	..	..	..	..	5	..	45
Launceston	-	..	1	1	4	1	1	3	1	..	..	..	..	19	..	32
Liskeard	-	..	2	..	10	..	2	5	3	..	..	..	..	10	..	32
St. Austell	-	..	3	..	29	2	2	4	5	..	..	1	..	11	..	59
St. Germans	-	..	..	..	28	2	6	13	2	..	..	..	..	17	..	70
Stratton	-	..	2	1	2	..	1	1	1	..	..	..	..	..	..	8
Truro	-	..	1	1	12	2	8	20	2	..	..	..	1	14	..	63
Wadebridge	-	..	4	..	2	2	1	7	4	..	..	..	..	..	..	22
West Penwith	-	..	12	..	6	7	2	7	6	..	..	1	..	18	1	60
TOTALS	-	..	41	3	111	22	24	10	67	26	..	2	1	98	1	406
Whole County	-	..	101	9	310	68	37	19	189	70	..	2	3	221	4	1,033

Table III.

HOSPITALS.

Note.—(a)=General, Medical, and Surgical treatment. (b)=Operating Theatre. (c)=Maternity Beds. (d)=Children's beds. (e)=Orthopaedic Department. (f)=Dental Department. (g)=Nose, Throat, and Ear Department. (h)=Ophthalmic Department. (i)=Dermatological Department. (j)=Laboratory. (k)=Light Therapy. (l)=Radium Treatment. (m)=X-ray facilities. (n)=Massage.

Voluntary, General, and Cottage Hospitals, situated in Cornwall.

NAME.	Situation.	No. of beds.	Average No. Occupied.	New In-Patients	New Out-Patients	Facilities provided.	Special Features.
East Cornwall Hospital ...	Bodmin	25	—	303	262	a,b,f,m.	Three Private Wards (f) for extractions.
Falmouth and District Hospital	Falmouth	42	32	877	310	a,b,c,d,m,n.	Three Private Wards.
Fowey Cottage Hospital ...	Fowey	9	5	134	59	a,b,c,f,n.	Private Ward. Maternity case in private ward.
St. Michael's Hospital (Daughters of the Cross)	Hayle	65	40	320	830	a,b,k,m,n.	Private rooms. Diathermy, Ionisation. Radiant heat.
Helston and District Cottage Hospital	Helston	15	8	207	182	a,b,d.	Two private wards, often used for maternity cases.
Launceston Hospital and Rowe Dispensary	Launceston	11	7	158	33	a,b,f,m.	Three private wards.
Passmore Edwards Cottage Hospital	Liskeard	26	19	298	269	a,b,c,m,n.	Five private wards, 18 adults and 6 children.
Newquay and District Hospital	Newquay	22	17	384	647	a,b.	Six private beds.
West Cornwall Dispensary and Infirmary	Penzance	55	54	931	1,398	a,b,c,d,f,h,m,n.	Private wards, 19 beds. The Edward Bolitho Convalescent Home.
West Cornwall Miners' and Women's Hospital	Redruth	80	38	911	1,195	a,b,c,d,h,k,m.	Six private wards. X-ray therapy.
St. Austell and District Cottage Hospital	St. Austell	30	—	—	—	a,b,d,m,n.	Three private wards.
Edward Hain Memorial Cottage Hospital	St. Ives	10	5	123	40	a,b,f,k.	Two private wards.
St. Barnabas Cottage Hospital and Nursing Home ..	Saltash	22	13	276	—	a,b,c.	Five private wards. Chronic incurable cases taken at 30s. per week.
Stratton Cottage Hospital ...	Stratton	18	9	205	80	a,b,c,f,m,n.	Two private wards. Two cots for children.
Royal Cornwall Infirmary ..	Truro	*185	71	1,150	2,083	a,b,c,d,e,f,g,h,j,k,m,n.	Samaritan Fund. Convalescent Homes, Perranporth. Private Wards. * Including extensions in 1939.
Royal Cornwall Infirmary Convalescent Home	Perranporth	35	30	144	—		

Voluntary Hospitals, situated outside the County.

The Prince of Wales's Hospital	Plymouth	340	292	6,098 (From Cornwall, 1,402).	16,427 (From Cornwall, 1,329).	a,b,c,d,e,f,g,h,j,k,l,m,n.	
The City Hospital ...	Plymouth	570	513	4,783	—	a,b,c,d,f,g,i,m,n.	Clinic and beds for the treatment of Venereal Disease.
Mount Gold Orthopaedic Hospital	Plymouth	120	107	314 (From Cornwall, 18).	194 (From Cornwall, 13).		Orthopaedic.
Plymouth Royal Eye Infirmary	Mutley	40	24	456 (From Cornwall, 87).	3,496 (From Cornwall, 257).		Special Eye Hospital.
Royal Devon and Exeter Hospital	Exeter	280	245	4,292 (From Cornwall, 32).	9,761 (From Cornwall, 64).	a,b,c,d,e,f,g,j,k,l,m,n.	
Tavistock Hospital	Tavistock	47	26	441 (From Cornwall, 80).	382 (From Cornwall, 64).	a,b,d,f,g,m,n.	
Princess Elizabeth Orthopaedic Hospital	Exeter	71	71	365	863	Special Orthopaedic Hospital.	Devonian Orthopaedic Scheme includes the Stratton District of Cornwall.
Dame Hannah Rogers' Orthopaedic Hospital	Ivybridge	24	24	45 (From Cornwall 6).	—	do.	
Didworthy Sanatorium	South Brent	100	90	91 (From Cornwall, 2).	—	d,b.	Three free beds for patients from Devon and Cornwall.

County Institutions.

Tehidy Sanatorium	Tehidy	108	107	194	—	b,d,e,k,m.	All types of cases of Tuberculosis admitted. Medical Superintendent, Matron, 4 Sisters and 15 Nurses, Consulting Surgeon, Consulting Physician, Anaesthetist, Dental Surgeon part time.
Institution for Mental Defectives	St. Columb	111	107	19	—	Mental cases only.	
County Mental Hospital ...	Bodmin	1,248	1,134	—	—	Mental cases only.	

Table III.—continued.

District Councils' Isolation Hospitals.

Group	Name.	Situation.	Beds on M.H. Scale of 144 sq. ft. per bed.		Beds provided.	Steam Disinfectors.	Ambulance.	Districts Served.
1	Penzance Isolation Hospital	... Alverton	9		16	Yes.	Motor Ambulance.	Penzance Borough.
2	Camborne Isolation Hospital	... Camborne	4		14	No.	Horse Ambulance.	Camborne—Redruth Urban District
	Redruth Isolation Hospital	... Redruth	2		11	No.	Horse Ambulance.	
	Redruth Rural Isolation Hospital	West Tolgus	4		10	Yes.	Horse Ambulance.	
3	Falmouth Isolation Hospital	... Budock	8		26	Yes.	Horse Ambulance.	Falmouth Borough.
4	Truro City Isolation Hospital	... Truro	14		21	No.	Motor Ambulance.	Truro City.
5	Newquay Isolation Hospital	... Trevenson	4		6	Yes.	Motor Ambulance.	Newquay Urban District.
6	St. Columb Isolation Hospital	... Ennisworgey	2		6	No.	No.	St. Austell Rural District.
7	Stratton Isolation Hospital	... Stratton	4		12	No.	Motor Ambulance.	Bude-Stratton Urban District, Stratton Rural District.
8	Plymouth Isolation Hospital	... Plymouth	13		13	Yes.	Motor Ambulance.	Beds reserved for Saltash Borough, Torpoint Urban District, St. Germans Rural District.
	Ports.							
	Falmouth Port Isolation Hospital	Budock	12		12			Joint site with Falmouth Borough.
	Fowey Port Isolation Hospital	... Fowey	4		4			Fowey Port Authority. Included in the provision for Penzance Borough.
	Penzance Port Isolation Hospital	Alverton	—		—			

Table IV. Public Assistance Institutions. Sick Wards.

INSTITUTION		SICK WARDS								Patients discharged or who died in the Institution during 1938.				Maternity Beds.	Maternity cases admitted during the year.
		Available Beds.				Occupied Beds. 31—12—38				Children under 16 years of age.		Men and Women.			
										Dis-charged	Died.	Dis-charged	Died.		
M	W	C	Total	M	W	C	Total	Dis-charged	Died.	Dis-charged	Died.				
Penzance	...	24	36	...	60	24	26	...	50	...	...	12	10	...	...
Helston	...	45	49	3	97	23	34	3	60	1	...	20	26	2	...
Falmouth	...	47	37	9	93	42	41	9	92	3	...	14	22	...	...
Redruth	...	29	75	8	112	26	68	8	102	28	1	85	45	7	22
Truro	...	30	35	2	67	17	27	2	46	2	...	33	19	3	2
St. Austell	...	25	53	5	83	19	44	3	66	12	1	59	45	2	11
Liskeard	...	31	36	4	71	28	35	2	65	25	1	66	52	2	21
Torpoint	...	42	49	9	100	18	29	...	47	...	...	15	6	...	...
Launceston	...	41	44	2	87	33	32	2	67	9	2	42	20	3	8
Totals		314	414	42	770	230	336	29	595	80	5	346	245	19	64

TABLE V. TUBERCULOSIS.

(1) RETURN SHOWING WORK OF DISPENSARIES.

		1936.	1937.	1938.
NEW CASES examined during the year (excluding contacts) ...	Definitely tuberculous ...	166	169	192
	Diagnosis not completed ...	52	61	71
	Non-tuberculous ...	332	369	380
CONTACTS examined during the year ...	Definitely tuberculous ...	—	1	1
	Diagnosis not completed ...	2	2	4
	Non-tuberculous ...	164	242	217
CASES written off Dispensary Register ...	Recovered ...	52	58	35
	Non-tuberculous ...	571	659	648
NUMBER OF CASES on Dispensary Register on 31st December	Definitely tuberculous ...	816	801	844
	Diagnosis not completed ...	60	71	83
Number of attendances at the Dispensaries (including contacts) ...		1,672	1,930	1,875
Number of consultations with medical practitioners	Personal ...	194	225	191
	Other ...	659	720	734
Number of visits by nurses or health visitors to homes for dispensary purposes ...		2,764	2,943	2,762
Cases written off during the year as dead (all causes) ...		112	130	128
Cases transferred to other areas, "lost sight of," etc. ...		59	49	84
Cases transferred from other areas, returned after discharge, etc. ...		49	48	85
Number of insured persons under domiciliary treatment on the 31st December ...		178	184	168
Number of visits by Tuberculosis Officers to homes (including personal consultations) ...		863	902	825
Number of specimens of sputum, etc., examined ...		509	440	403
Number of X-ray examinations made in connection with Dispensary work ...		226	277	353
Number of "T.B. plus" cases on Dispensary Register on 31st December ...		420	414	418

TABLE V.—Continued.

(2) RESIDENTIAL TREATMENT AND OBSERVATION IN TEHIDY SANATORIUM AND OTHER INSTITUTIONS AND IN PUBLIC ASSISTANCE INSTITUTIONS.

		1937.		1938.	
		Tehidy and other Instns.	P.A. Instns.	Tehidy and other Instns.	P.A. Instns.
Number of doubtfully tuberculous cases admitted for observation	In Institutions 1st January	4	—	2	—
	Admitted during the year	51	—	52	—
	Discharged during the year	53	—	51	—
	Died in the Institution ...	—	—	—	—
	In Institutions on 31st December	2	—	3	—
Number of patients suffering from pulmonary tuberculosis ...	In Institutions on 1st January	78	5	80	4
	Admitted during the year	136	9	123	5
	Discharged during the year	110	5	104	2
	Died in the Institutions ...	24	5	27	4
	In Institutions on 31st December	80	4	72	3
Number of patients suffering from non-pulmonary tuberculosis ...	In Institutions on 1st January	26	3	31	1
	Admitted during the year	39	3	56	3
	Discharged during the year	31	4	44	1
	Died in the Institutions ...	3	1	1	1
	In Institutions on 31st December	31	1	42	2
Grand Totals ...	In Institutions on 1st January	108	8	113	5
	Admitted during the year	226	12	231	8
	Discharged during the year	194	9	199	3
	Died in the Institutions ...	27	6	28	5
	In Institutions on 31st December	113	5	117	5

(3) RETURN SHOWING THE IMMEDIATE RESULTS OF TREATMENT OF DEFINITELY TUBERCULOUS PATIENTS DISCHARGED FROM TEHIDY SANATORIUM AND OTHER INSTITUTIONS.

	Classification on admission.	Condition on discharge.	1937.	1938.
Pulmonary Tuberculosis.	T.B. minus ...	Quiescent ...	—	7
		Not Quiescent ...	30	10
		Died in the Institution ...	—	—
	T.B. plus, Group 1 ...	Quiescent ...	—	—
		Not Quiescent ...	5	7
		Died in the Institution ...	—	—
	T.B. plus, Group 2 ...	Quiescent ...	—	3
		Not Quiescent ...	44	25
		Died in the Institution ...	—	—
	T.B. plus, Group 3 ...	Quiescent ...	—	—
		Not Quiescent ...	20	32
		Died in the Institution ...	21	19
	Totals (pulmonary) ...		120	103
Non-Pulmonary Tuberculosis.	Quiescent ...		1	1
	Not Quiescent ...		18	29
	Died in the Institution ...		2	1
	Totals (non-pulmonary) ...		21	31
	Totals (pulmonary and non-pulmonary) ...		141	134

TABLE VI. TUBERCULOSIS.

(A) PULMONARY.

(Arranged according to the years in which the patients were first entered on the Dispensary Register as definite cases of Pulmonary Tuberculosis showing the condition at the end of 1938).

	Previous to 1928	1928.	1929.	1930.	1931.	1932.	1933.	1934.	1935.	1936.	1937.	1938.
		9	8	9	8	22	16	34	22	3	—	—
Disease arrested ..	18	9	8	9	8	22	16	34	22	3	—	—
Disease not arrested ..	37	8	7	11	11	19	24	31	26	69	86	114
Condition not ascertained during the year ..	9	1	3	2	8	5	5	4	6	4	—	—
Total on Dispensary Register at 31st December	64	18	18	22	27	46	45	69	54	76	86	114
Discharged as recovered ..	220	35	23	31	29	12	5	—	—	—	—	—
Lost sight of, or otherwise removed from Dispensary Register ..	238	65	67	48	46	34	28	23	19	20	17	5
Dead ..	516	130	133	115	128	145	131	99	87	64	59	34
Total written off Dispensary Register ..	974	230	223	194	203	191	164	122	106	84	76	39
Grand Total ..	1038	248	241	216	230	237	209	191	160	160	162	153

(B) NON-PULMONARY.

NOTE.—7 cases of Non-Pulmonary Tuberculosis were transferred to Pulmonary, one in 1928, one in 1929, two in 1930, and three in 1933.

	Previous to 1928	1928.	1929.	1930.	1931.	1932.	1933.	1934.	1935.	1936.	1937.	1938.
		2	4	2	4	6	2	8	8	6	6	2
Disease arrested ..	10	2	4	2	4	6	2	8	8	6	6	2
Disease not arrested ..	7	1	4	1	3	1	7	9	10	15	24	37
Condition not ascertained during the year ..	3	4	1	—	3	—	1	8	3	2	1	—
Total on Dispensary Register at 31st December	20	7	9	3	10	7	10	25	21	23	31	39
Discharged as recovered ..	137	16	21	11	15	10	5	1	—	—	—	—
Lost sight of, or otherwise removed from Dispensary Register ..	64	14	14	15	3	13	10	10	5	3	4	—
Dead ..	25	7	6	12	7	12	8	12	5	2	6	4
Total written off Dispensary Register ..	226	37	41	38	25	35	23	23	10	5	10	4
Grand Total ..	246	44	50	41	35	42	33	48	31	28	41	43

Table VII.

WELFARE OF THE BLIND.

Registration, as at 31st March, 1936.

Age Period.	Section I.			Section II.—Ages at which blindness occurred.			
	Males.	Females.	Total.	Age Period.	Males.	Females.	Total.
0—5	3	—	3	0—1	40	35	75
5—16	10	8	18	1—5	5	3	8
16—21	3	2	5	5—10	10	15	25
21—40	27	25	52	10—20	13	16	29
40—50	27	24	51	20—30	31	18	49
50—65	100	102	202	30—40	25	28	53
65—70	33	59	92	40—50	34	51	85
70 and over	116	246	362	50—60	59	87	146
				60—70	64	117	181
				70 and over	38	96	134
Totals	319	466	785	Totals	319	466	785

Section III.—Children of School Age, 5—16.

	Normal.		Mentally Defective.	
	M.	F.	M.	F.
In Schools for the Blind	6	4	—	—
Other Schools	—	—	1	—
Not at School	—	1	3	3

Section IV.—Training and Employment. Age period 16 and upwards.
Employed—

By Blind Organisations—				Males.	Females.	Total.
(a) Workshops	...	...	...	4	—	4
(b) Home Workers	...	...	...	13	9	22
All others not included in (a) and (b)	...	...	...	34	13	47
Total employed	...	...	...	51	22	73
Undergoing Training—						
Industrial	...	...	...	1	1	2
Secondary	...	...	...	—	—	—
Unemployable	...	...	...	254	435	689
Totals	...	...	...	306	458	764

Section V.—Occupations of Employed Blind Persons.

	Agents, Collectors, etc.	Basket Workers	Boot repairers	Braille Copyists and Proof Readers	Chairseaters	Clerks and Typists	Dealers, Tea Agents, Newsagents, Shop Keepers	Gardeners	Hawkers, Newsvendors	Home Teachers	Knitters		Labourers	Mat Makers	Ministers of Religion	Musicians and Music Teachers	Porters, Packers, Cleaners	Poultry Farmers	Tuners	Miscellaneous	TOTAL
Within Institutions for the Blind ...	1	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	4
In approved Home Workers Schemes ...	...	6	2	...	3	...	...	...	...	...	...	6	...	...	...	3	...	...	2	...	22
Others (not pas- time Workers) ...	...	2	1	1	2	1	16	2	1	...	5	...	2	1	2	...	1	2	...	8	47
TOTAL ...	1	10	3	1	5	1	16	2	1	1	5	6	2	1	2	3	1	2	2	8	73

Section VI.—Physically and Mentally Defective (all ages).

	Males.	Females.	Total.
(a) Mentally Defective	25	13	38
(b) Physically Defective	18	22	40
(c) Deaf	11	14	25
(d) Combination of (a) and (b) ...	1	1	2
(e) Combination of (a) and (c) ...	—	6	6
(f) Combination of (b) and (c) ...	3	5	8
(g) Combination of (a), (b), (c) ...	—	1	1
Totals ...	58	62	120

Section VII.—Unemployable persons resident in Homes for the Blind, Mental Hospitals or Poor Law Institutions.

	Males.	Females.	Total.
Homes for the Blind	2	4	6
Mental Hospitals	6	3	9
Poor Law Institutions	9	24	33

Table VIII.

PUBLIC VACCINATION.

Return Respecting the Vaccination of Children whose Births were Registered during the Year 1937, and number of Certificates and Statutory Declarations received by Vaccination Officers during the Year 1938.

Registration District.	Number of Births returned in the "Birth List Sheets" as registered from 1st January to 31st December, 1937.	Number of these Births duly entered by 31st January, 1939, in Columns I., II., IV. and V. of the "Vaccination Register" (Birth List Sheets), viz.:				Number of these Births which on 31st January, 1939, remained unentered in the "Vaccination Register" on account (as shown by "Report Book") of				Number of these Births remaining on 31st Jan., 1939, neither duly entered in the "Vaccination Register" (columns 3, 4, 5, 6, and 7 of this Return) nor temporarily accounted for in the "Report Book" (columns 8, 9, and 10 of this Return).	Total number of Certificates of Successful Primary Vaccination of Children under 14 received during the Calendar Year, 1938.	Number of Statutory Declarations of Conscientious Objection actually received by the Vaccination Officer irrespective of the dates of birth of the children to which they relate, during the Calendar Year 1938.
		Col. I. Successfully Vaccinated.	Col. II. Insusceptible of Vaccination.		Col. IV. Number in respect of whom Statutory Declarations of Conscientious Objection have been received.	Col. V. Died unvaccinated.	Postponement by Medical Certificate.	Removal to Districts the Vaccination Officers of which have been duly apprised.	Removal to places unknown, or which cannot be reached; and Cases not having been found.			
1.	2	3	4	5	6	7	8	9	10	11	12	13
Bodmin ...	231	45	...	...	180	2	...	2	2	...	42	175
Callington ...	66	10	...	...	48	...	...	...	5	3	9	45
Camborne ...	340	51	...	...	248	22	...	14	3	2	63	232
Camelford ...	84	11	...	...	70	2	...	...	1	...	16	75
Falmouth and Constantine ...	279	34	...	...	179	16	1	...	3	46	34	153
Fowey ...	102	33	...	...	57	4	1	2	2	3	19	75
Helston ...	239	27	...	...	135	5	...	2	4	66	15	130
Launceston ...	108	23	...	...	73	3	1	2	6	...	18	75
Liskeard ...	156	14	1	...	116	5	1	...	...	19	13	135
Looe ...	84	20	...	...	54	5	...	...	1	4	16	73
Penryn ...	102	4	...	...	92	3	...	...	3	...	2	73
Penzance Eastern ...	159	13	...	...	127	8	...	...	...	11	16	113
Penzance Western ...	363	26	1	...	294	21	1	2	...	18	26	310
Redruth ...	312	26	...	...	226	14	2	20	24	...	16	219
St. Austell ...	257	49	...	...	192	10	1	2	3	...	56	280
St. Columb ...	225	30	...	...	165	8	3	1	9	9	26	136
St. Germans ...	175	45	2	...	112	...	...	...	10	6	86	89
Stratton ...	120	51	...	...	60	4	...	4	1	...	52	59
Truro East ...	200	38	...	...	142	15	2	2	1	...	42	207
Truro West ...	177	40	...	...	121	8	...	2	3	3	42	102
Totals ...	3779	590	4	...	2691	155	13	55	81	190	609	2756

